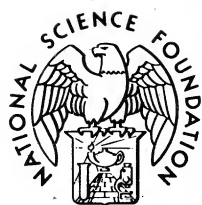
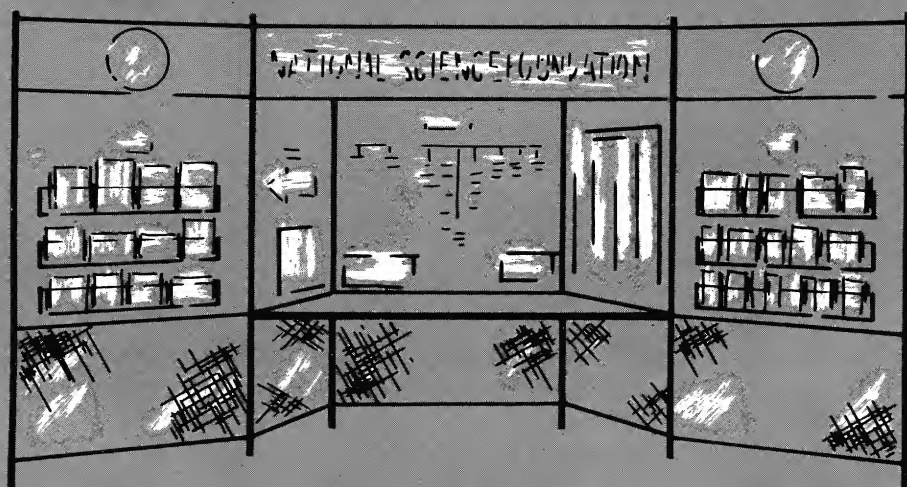


PUBLICATIONS

OF THE NATIONAL SCIENCE FOUNDATION
JUNE 1965



NATIONAL SCIENCE FOUNDATION
1800 G STREET, N.W.
WASHINGTON, D.C. 20550

Availability of Publications

Those publications marked with a price should be obtained directly from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Where no price is listed, single copies may be obtained gratis from the Publications Section, National Science Foundation, Washington, D.C. 20550. Only publications still available are listed.

PUBLICATIONS
of the
NATIONAL SCIENCE FOUNDATION

JUNE 1965

TITLE	NUMBER	PRICE
ANNUAL REPORTS, DESCRIPTIVE BROCHURES, AND ANNOUNCEMENTS		

Annual Reports

Fourteenth Annual NSF Report, for fiscal year ending June 30, 1964 (Issued in January of each year covering activities of the previous fiscal year)	NSF 65-1	\$.45
National Science Foundation Grants and Awards, Fiscal Year 1964	NSF 65-2	\$1.00
Sixth Annual Weather Modification Report, 1964 (A yearly report on activities in the field of weather modification)	NSF 65-9	\$.30

Descriptive Brochures

National Science Foundation Act of 1950 (Public Law 507--81st Congress)	-----	-----
Project Mohole	-----	-----
Financing A College Science Education	NSF 65-6	\$.20
Improving the Dissemination of Scientific Information	NSF 64-22	-----
International Years of the Quiet Sun Science Course Improvement Projects	NSF 64-18	\$.20
I. Courses, Written Materials, Films, Studies	NSF 64-8	-----

NOTE: For availability of publications, see inside front cover

TITLE	NUMBER	PRICE
II. Science Teaching Equipment	NSF 63-15	----
Science Development Program for Colleges and Universities (1964 and 1965)	NSF 64-7	----
NSF Grants for Graduate Science Facilities	NSF 63-48	----
NSF Grants for Scientific Research	NSF 63-27	----
U.S.-Japan Cooperative Science Pro- grams	NSF 63-21	----
NSF Programs for Education in the Sciences	NSF 63-20	----
United States Antarctic Research Program	NSF 63-14	----
National Science Foundation (De- scribes overall activities)	NSF 62-23	----
The National Register of Scientific and Technical Personnel	NSF 61-46	----

Scientific Education Announcements

Announcements of the following pro-
grams are issued periodically:

A. GENERAL ANNOUNCEMENTS:

Schedule of National Science Foun-
dation Programs for Education in
the Sciences (Calendar Year);
Training Opportunities for College
Teachers of Science, Mathematics,
and Engineering; Training Oppor-
tunities for Secondary School
Teachers of Science and Mathe-
matics

B. GRADUATE EDUCATION IN SCIENCE: FELLOWSHIPS--Grad- uate, Cooperative Graduate, Post- doctoral (Regular), Senior Postdoc- toral, Science Faculty, Graduate Teaching Assistants (Summer), Senior Foreign Scientist, North Atlantic Treaty Organization (NATO) Postdoctoral. GRADUATE TRAINEESHIPS

- C. UNDERGRADUATE EDUCATION
IN SCIENCE: Summer Institutes
and Conferences for College Teach-
ers, Academic Year Institutes for
College Teachers, In-Service In-
stitutes for Teachers of Science
and Mathematics, Research Par-
ticipation for College Teachers,
Current Programs in Undergradu-
ate Research Participation
- D. PRE-COLLEGE EDUCATION IN
SCIENCE: Summer Institutes for
Secondary School Teachers,
Academic Year Institutes for
Secondary School Teachers, In-
Service Institutes for Teachers of
Science and Mathematics, Research
Participation for High School
Teachers, Summer Institutes for
Elementary School Personnel,
Summer Science Training for High-
Ability Secondary School Students

II. SCIENCE RESOURCE STUDIES

Science Resource Bulletins

Reviews of Data on Science Resources
(As of December 1964, supersedes
"Reviews of Data on Research and
Development" and "Scientific Man-
power Bulletins". The first is a
series of bulletins devoted to spe-
cific aspects of research and de-
velopment economics; the latter is
a series of pamphlets providing
manpower information gathered pri-
marily in connection with the

TITLE	NUMBER	PRICE
National Register of Scientific and Technical Personnel*)		
Vol. I, No. 4. Research Funds Used in the Nation's Scientific Endeavor, 1963	NSF 65-11	\$.10
Vol. I, No. 3. Research and Development in the Electrical Equipment and Communication Industry, 1956-62	NSF 65-3	\$.10
Vol. I, No. 2. Salaries and Professional Characteristics of U.S. Scientists, 1964	NSF 64-27	\$.05
Vol. I, No. 1. Research and Development in American Industry, 1963	NSF 64-26	\$.10

Manpower and Education Studies

Scientists and Engineers in Colleges and Universities, 1961	NSF 65-8	In press
Scientific and Technical Personnel in the Federal Government, 1961 and 1962	NSF 65-4	\$.40
Scientific and Technical Manpower Resources. Summary Information on Employment, Characteristics, Supply, and Training	NSF 64-28	\$1.25
American Science Manpower, 1962 (A biennial report of the National Register of Scientific and Technical Personnel)	NSF 64-16	\$1.00
Scientists, Engineers, and Technicians in the 1960's: Requirements and Supply	NSF 63-34	\$.45
Scientific and Technical Personnel in Industry, 1961	NSF 63-32	\$.55

*A title listing of the bulletins in these two series is available from the Public Information Office.

TITLE	NUMBER	PRICE
Scientific Manpower, 1962 (The latest in a general series which contains the papers of the Conference on Scientific Manpower held in conjunction with the meetings of the AAAS in December of each year)	NSF 63-31	\$.35
Two Years After the College Degree. Work and Further Study Patterns	NSF 63-26	\$1.75
Secondary School Science and Mathematics Teachers. Characteristics and Service Loads	NSF 63-10	\$.35
Scientific Manpower from Abroad. United States Scientists and Engineers of Foreign Birth and Training	NSF 62-24	\$.25
Profiles of Manpower in Science and Technology	NSF 62-23	----
Employment in Professional Mathematical Work in Industry and Government	NSF 62-12	\$.55
Women in Scientific Careers	NSF 61-50	\$.20
Duration of Formal Education for High Ability Youth. A Study of Retention in the Educational System	NSF 61-36	----
Science Doctorates of 1958 and 1959. Their Numbers, Characteristics, and Employment	NSF 60-60	\$.25
Statistical Handbook of Science Education	NSF 60-13	\$.55

Research and Development Economic Studies

Federal Funds for Research, Development, and Other Scientific Activities, Fiscal Years 1963, 1964, and 1965	NSF 65-13	In press
Industrial R&D Funds in Relation to Other Economic Variables	NSF 64-25	\$.65
Research and Other Activities of Private Foundations, 1960	NSF 64-14	\$.35
Research and Development in Industry, 1961 (Annual series)	NSF 64-9	\$.65

TITLE	NUMBER	PRICE
Scientific Research and Development in Colleges and Universities--Expenditures and Manpower, 1958	NSF 62-44	\$.70
Scientific Research and Development in Nonprofit Organizations--Expenditures and Manpower, 1957	NSF 61-37	\$.45
Obligations for Research and Development, and R&D Plant, By Geographic Divisions and States, By Selected Federal Agencies, Fiscal Years 1961 - 1964	-----	----

Foreign Science Resource Studies

Scientific and Engineering Manpower in Communist China, 1949-1963	NSF 65-14	In press
Education and Professional Employment in the USSR	NSF 61-40	\$5.50
Professional Manpower and Education in Communist China	NSF 61-3	\$2.00

Special Studies

Current Projects on Economic and Social Implications of Science and Technology, 1963	NSF 64-10	\$.50
A Case Study of Support of Scientific and Engineering Research Proposals (New York University and University of Michigan)	NSF 63-22	\$.65
Federal Organization for Scientific Activities, 1962	NSF 62-37	\$3.50
Publication of Basic Research Findings in Industry, 1957-59	NSF 61-62	\$.25
Proceedings of a Conference on Academic and Industrial Basic Research	NSF 61-39	\$.55
Investing in Scientific Progress	NSF 61-27	----
Methodology of Statistics on Research and Development	NSF 59-36	\$.65

TITLE	NUMBER	PRICE
Proceedings of a Conference on Research and Development and Its Impact on the Economy	NSF 58-36	\$1.25
A Program for National Information on Scientific and Technical Personnel	NSF 58-28	----
Government-University Relationships in Federally Sponsored Scientific Research and Development	NSF 58-10	\$.40
Basic Research--A National Resource	NSF 57-35	\$.45

III. SCIENCE INFORMATION REPORTS

Scientific Information Notes

(Bimonthly periodical reporting national and international developments in scientific and technical information dissemination)

\$.25 per copy
\$1.25 per year

Scientific Information Activities of Federal Agencies

(A series of pamphlets describing the policies and practices of Federal agencies relative to their scientific and technical information activities)

30. Department of Agriculture--Part II, National Agricultural Library	NSF 65-5	\$.10
29. National Aeronautics and Space Administration	NSF 64-29	\$.10
28. U.S. Department of Health, Education and Welfare--Part IV, National Library of Medicine	NSF 64-23	\$.10
27. Department of Defense--Part II, Defense Documentation Center	NSF 64-13	\$.10
26. Library of Congress	NSF 64-3	\$.15

TITLE	NUMBER	PRICE
25. U.S. Navy--Part III, Bureau of Ships, Bureau of Naval Weapons	NSF 63-53	\$.15
24. U.S. Department of Health, Education, and Welfare--Part III, National Institutes of Health	NSF 63-52	\$.15
23. U.S. Department of Health, Education, and Welfare--Part II, Public Health Service	NSF 63-46	\$.10
22. U.S. Air Force--Part I	NSF 63-45	\$.25
21. U.S. Department of Health, Education, and Welfare--Part I	NSF 63-50	\$.25
20. U.S. Navy--Part II, Office of Naval Research	NSF 63-43	\$.15
19. U.S. Navy--Part I	NSF 63-42	\$.25
18. U.S. Atomic Energy Commission	NSF 63-38	\$.15
17. U.S. Air Force--Part IV, Air Force Systems Command	NSF 63-16	\$.20
16. U.S. Department of the Interior--Part II	NSF 62-35	\$.15
15. U.S. Air Force--Part II	NSF 62-17	\$.20
14. Federal Aviation Agency	NSF 62-19	\$.10
13. Smithsonian Institution	NSF 62-8	\$.15
12. U.S. Department of the Interior--Part I	NSF 61-77	\$.25
11. Treasury Department	NSF 61-64	\$.15
10. Veterans Administration	NSF 61-22	\$.10
9. Federal Communications Commission	NSF 61-12	\$.05
8. U.S. Department of Commerce--Part III, National Bureau of Standards	NSF 60-59	\$.10
7. U.S. Department of Commerce--Part II	NSF 60-58	\$.20
6. National Science Foundation	NSF 60-56	\$.10
5. Tennessee Valley Authority	NSF 60-44	\$.05
4. U.S. Government Printing Office	NSF 60-9	\$.05
3. U.S. Department of Commerce--Part I	NSF 59-58	\$.15
2. Office of Naval Research	NSF 59-19	\$.10
1. U.S. Department of Agriculture	NSF 58-27	\$.05

TITLE

NUMBER

PRICE

Documentation Research

Current Research and Development in Scientific Documentation (Periodic reports containing descriptive statements from individuals and organizations involved in the field of research in scientific documentation)

No. 12	A bibliography of all research reports listed in Numbers 1 through 11	NSF 65-10	In press
No. 13		NSF 64-17	\$1.75

Information Systems

Nonconventional Technical Information Systems in Current Use (Reports published from time to time, containing descriptions of technical information systems embodying new principles)	-----	----
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Miscellaneous

Characteristics of Scientific Journals 1949-1959	NSF 64-20	\$.30
Providing U.S. Scientists with Soviet Scientific Information, April 1962	-----	----
A Guide to the Scientific and Technical Literature of Eastern Europe	NSF 62-49	----
Specialized Science Information Services in the United States	NSF 61-68	\$1.75
Dues and Membership in Scientific Societies	NSF 60-55	----